

OFFICIAL COPY

H. B. ROBINSON STEAM ELECTRIC PLANT
Post Office Box 790
Hartsville, South Carolina 29550

MAR 23 1981

Robinson File No: 2-0-4-a-3

Serial:RSEP/81-486

Mr. James P. O'Reilly
Director of Regulatory Operations
U. S. Nuclear Regulatory Commission
Region II
101 Marietta Street, Northwest
Suite 6100
Atlanta, Georgia 30303



Dear Mr. O'Reilly:

In accordance with Plant Technical Specification 6.9.2.a.2, the following event is reported.

On March 22, 1981 it was determined that two control rods were inoperable contrary to Technical Specification 3.10.6.2. Reactor shutdown was immediately commenced and continued until the unit reached a hot shutdown condition.

At approximately 1212 hours on March 22, 1981 a technician performing a check of control rod N-9 determined that it had an open lift coil. The reactor had previously been operating with control rod L-11 inoperable as permitted by Technical Specification 3.10.6.2. Reactor shutdown was immediately commenced upon discovering the inoperability of control rod N-9. At approximately 1459, shutdown was completed when the reactor trip breakers were opened and control rod N-9 was inserted. It was later determined that the failure of the control rod was due to a faulty connection in the power supply to the rod drive mechanism which caused the lift coil to remain continuously de-energized.

This event was reported on March 23, 1981 to Mr. S. Weise of the NRC, Region II, and Mr. E. J. Furr, Vice President, Nuclear Operations Department, Carolina Power and Light Company.

Very truly yours,

R. B. Starkey, Jr.

R. B. Starkey, Jr.
General Manager
H. B. Robinson S.E. Plant

JLB/tm

8108250402 810323
PDR ADOCK 05000241
S PDR

JE-22
1/6